



Docket No.: 1152-0328PUS1

(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Tadao KYOMOTO et al.

Application No.: 10/590,269

Filed: August 22, 2006

For: LIGHT SOURCE DEVICE AND VIDEO DISPLAY

APPARATUS USING THE SAME

Confirmation No.: 6070

Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

## LETTER

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Subsequent to the filing of the above-identified application on August 22, 2006, attached hereto is Forms PCT/IPEA/409 and PCT/IB/338 that should be made of record in the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or to credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Dated: June 11, 2007

Respectfully submitted,

Michael R. Cammarata Registration No.: 39,491

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Attorney for Applicant

Attachment(s)

## PATENT COOPERATION TREATY

To:

**JAPON** 

'0 6.12.20 歷本特許法律 學務所

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF TRANSMITTAL
OF COPIES OF TRANSLATION
OF THE INTERNATIONAL PRELIMINARY REPORT
ON PATENTABILITY
(CHAPTER I OR CHAPTER II
OF THE PATENT COOPERATION TREATY)
(PCT Rules 44bis.3(c) and 72.2)

FUJIMOTO, Eisuke c/o Fujimoto Patent & Law Office, Room 317, Sanno Grand Bullding 3F., 14-2, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 1000014

Date of mailing (day/month/year) 07 December 2006 (07.12.2006)	
Applicant's or agent's file reference FWA5-02	IMPORTANT NOTIFICATION
International application No. PCT/JP2005/002794	International filing date (day/month/year) 22 February 2005 (22.02.2005)
Applicant SHARI	P KABUSHIKI KAISHA et al

1. Transmittal of the translation to	the applicant.
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7	The International Bureau transmits berewith a copy of the English translation of the international preliminary report o
	patentability (Chapter I).

The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter II).

## 2. Transmittal of the copy of the translation to the designated or elected Offices.

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following designated or elected Offices requiring such translation:

EP, KR

The following designated or elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

AE, AG, AL, AM, AP, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EA, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OA, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary report on patentability (Chapter II).

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned within the applicable time limit (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer  Masashi Honda	
Facsimile No. +41 22 338 82 70	Facsimile No. +41 22 338 82 70	

# PATENT COOPERATION TREATY

# TRANSLATION INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference FWA5-02	FOR FURTHER ACTION	ON See Form PCT/IPEA/416				
International application No. PCT/JP2005/002794	International filing date (day/month/year) 22.02.2005	Priority date (day/month/year) 23.02.2004				
International Patent Classification (IPC) or national classification and IPC  G03B21/14 (2006.01), F21S2/00 (2006.01), F21V7/09 (2006.01),  F21V7/10 (2006.01), F21V13/00 (2006.01), F21V9/00 (2006.01)						
Applican SHARP KABUSHIKI KAISHA						
This report is the international pre- under Article 35 and transmitted to	climinary examination report, established by the the applicant according to Article 36.	nis International Preliminary Examining Authority				
2. This REPORT consists of a total of	sheets, inclu	ding this cover sheet.				
3. This report is also accompanied by	ANNEXES, comprising:	1				
a. (sent to the applicant a	nd to the International Bureau) a total of	sheets, as follows:				
sheets of the desc	ription, claims and/or drawings which have be	en amended and are the basis for this report and/or Rule 70.16 and Section 607 of the Administrative				
Instructions).	reculications authorized by this Authority (see	. Nate 70.10 and section out of the recommendation				
sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental						
Box.	al Bureau only) a total of (indicate type and nu	mber of electronic carrier(s))				
b. (Sell to the Machineton	Dureda orași a total of (mareto tippe are are					
related thereto, in commi	uter readable form only as indicated in the Su	, containing a sequence listing and/or tables pplemental Box Relating to Sequence Listing (see				
Section 802 of the Admir		FF				
4. This report contains indications re-	lating to the following items:					
Box No. 1 Basis of	the report					
Box No. II Priority						
Box No. III Non-esta  Box No. IV Lack of	ablishment of opinion with regard to novelty, in	ventive step and industrial applicability				
Box No. IV Lack of	unity of invention					
Box No. V  Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement						
Box No. VI Certain documents cited						
Box No. VII Cartain defects in the international application						
Box No. VIII Certain observations on the international application						
Date of submission of the demand	Date of completion	of this report				
Name and mailing address of the IPEA/JP	Authorized officer					
To asi with Ma	Telephone No.					
Facsimile No.	1 Totophone 140.					

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

Imernational application No.
PCT/JP2005/002794

Box	No. I	Basis of the report			
1.		ard to the language, this report is based on the international under this item.	al application in the language in which	ch it was filed, unless otherwise	
	This report is based on translations from the original language into the following				
	wh	ich is the language of a translation furnished for the purpo	SES UI:		
		international search (Rule 12.3 and 23.1(b))  publication of the international application (Rule 12.4)			
		international preliminary examination (Rule 55.2 and/o	or 55.3)		
2.	With reg	eard to the elements of the international application, this r	eport is based on (replacement sheet	ts which have been furnished to the	
-	receiving this repo	g Office in response 10 an invitation under Article 14 are	referred to in this report as "origin	nally filed" and are not annexed to	
	the	e international application as originally filed/furnished			
	Lhe	e description:			
	pa	ges <u>1-23</u>		as originally filed/furnished	
	pa	ges*	received by this Authority on		
	pa	ges*	received by this Authority on	<del></del>	
	the	e claims:			
	oa	os		as originally filed/furnished	
	no	*.20	as amended (together wi	ith any statement) under Article 19	
	no	os.* 1, 2, 5-12	received by this Authority on 1	7.03.2006	
	no	06.*	received by this Authority on		
	∑ the	e drawings:			
		nects Fig. 1-3, 5-23		as originally filed/furnished	
		ncets* Fig. 4	received by this Authority on 1	<del></del>	
		nccts*	received by this Authority on		
		sequence listing and/or any related table(s) - see Supplement	· · · · · · · · · · · · · · · · · · ·	ng.	
	$\square$			-	
3.	<u> </u>	the amendments have resulted in the cancellation of:			
	  S	the description, pages the claims, nos. 3, 4		1	
	<u>к</u> Г			-9-7-	
	_ 				
		7		.,	
		any table(s) related to sequence listing (specify):  This report has been established as if (some of) the amend	lments appeared to this report and lis	sted below had not been made, since	
*.	LJ <u></u>	his report has been established as it (some of) the amend bey have been considered to go beyond the disclosure as fi	led, as indicated in the Supplemental	Box (Rule 70.2(c)).	
		the description, pages			
		the claims, nos.			
		the drawings, sheets/figs			
		the sequence listing (specify):			
		any table(s) related to sequence listing (specify):			
	If item	4 applies, some or all of those sheets may be marked "sup	erseded."		

### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2005/002794

Во	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement						
1.	Statement						
	Novelty	(14)	Claims	1,	2,	5-12	YES
			Claims				NO NO
	Inventiv	ve step (IS)	Claims	1,	2,	5-12	YES
			Claims				NO NO
	Industri	al applicability (IA)	Claims	1,	2,	5-12	YES
			Claims				NO.

2. Citations and explanations (Rule 70.7)

Document 1: JP 62-127510 U

Document 2: JP 62-127511 U

Document 3: JP 11-283422 A

Document 4: JP 07-006613 A

Document 5: JP 07-028016 A

Document 6: JP 03-266824 A

Document 7: JP 04-291309 A

1. The Inventions Set Forth in Claims 1, 2, and 5 to 12

The inventions set forth in documents 1 to 7 pertain to a light source device provided with a reflector.

The inventions set forth in claims 1, 2 and 5 to 12 are not denied novelty and an inventive step by documents 1 to 7.

A "closed light source apparatus" having the electrode axis of the arc tube intersect with the optical axis of emitted light, wherein a first reflector comprising a spherical metal base material is positioned to the rear surface of the arc tube, a second reflector comprising an elliptical metal base material is positioned in front of the arc tube, and a convergent lens is provided on the inside of the second reflector, is neither disclosed nor suggested in documents 1 to 7.

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2005/002794

Supplemental Box
In case the space in any of the preceding boxes is not sufficient.  Continuation of: Front page
G02B5/10(2006.01)